产品手册 *Competence brochure*

We switch the power!

ELEKTRA
TAILFINGEN
SCHALTGERÄTE

凸轮开关/万能转换开关
Cam switches

SCHALTER

凸轮开关/万能转换开关
Cam switches

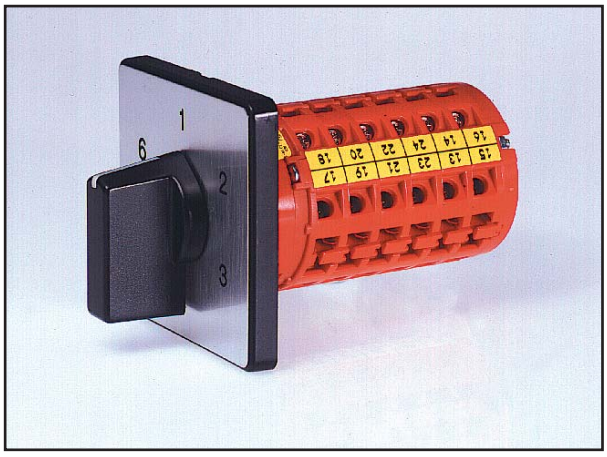
产品特点

- 独特的触头序列
- 双断点触头系统
- 高质量触头材料, 保障触头可靠性
- 多种安装可能性
- 独特的耐磨面板刻字

Customer benefits

- *individual contact sequence*
- *double contact interruption*
- *contact reliability by high quality contact material*
- *flexible mounting possibilities*
- *individual & abrasion-resistant escutcheons*

如需详细资料请索取凸轮开关详细样本
For more information please request our Cam switches catalogue



凸轮开关/万能转换开关:

凸轮开关/万能转换开关是一种手动操作的开关, 主要应用在低压工程的主回路和辅助回路作电机开关, 负荷开关, 隔离开关使用.

经典的凸轮开关/万能转换开关的设计基于模块化设计理念. 触点层也称之为逻辑单元, 按照电路图要求组装起来.

通过穿过开关内部的凸轮轮毂的轴, 来控制触点层中的可移动触点桥. 这些触点桥所需的位置是由紧靠触点层制动层(角度控制层)中放置的制动装置来实现的.

所谓的凸轮开关/万能转换开关的切换角度是由制动装置决定的. 通常共计有30, 45, 60 和 90°这几种角度位置.

Cam switch:

Cam switches are hand-operated switch devices which find primarily use as motor switch, load switch, disconnect switch, step switch and auxiliary switch (control switch) in main and auxiliary circuits of the low voltage engineering.

The classical cam switches are made on a modular design principle. Contact chambers, also called logic elements or stages, are lined up by the requirements of a contact plan.

Cam wheels which take place on a common, the switch penetrating shaft, control the movable contact bridges in the contact chambers. The desired position of these contact bridges is guaranteed by the detent, which is placed in the detent chamber and is built on against the contact chambers.

The so-called switching angle of a cam switch is determined by the detent and amounts normally to 30, 45, 60 or 90 °.

标准/认证 *Standards/approvals*

ELEKTRA 凸轮开关/万能转换开关 是依照 IEC/EN 60947的标准研发和生产的.
ELEKTRA cam switches are developed and built in accordance to IEC/EN 60947.

认证
Approvals

面板安装 – IP54 (IP 65 可提供)

Front fixing – IP 54 (IP 65 on request)

底板安装 – DIN导轨安装 (V2N-V3N)

Base mounting – DIN rail mounting (V2N-V3N)

单孔安装 – 中心孔径 D 22,5 mm

Central hole mounting for mounting hole D 22,5mm

钥匙操作 (V2N-V3N系列开关)

Key operation (switch series V2N-V3N)

面板安装 – 带组合锁
– 可达100种不同圆柱锁

Integrated Key locking
– up to 100 different key cylinders

防护罩

Protective cover

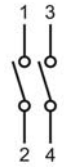
食品工业机械级卫生前面板
符合DIN 40050标准, 防护等级 IP 69K

Hygienic front unit for food-industry machines/
degree of protection IP 69K as per DIN 40050

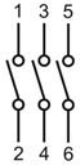
联动开关系列

Linked switch inserts

面板安装的标准功能
Standard executions for front fixing

基本类型/电路图 Basic type/Circuit diagramm	开关规格 Switch size	额定连续电流 Rated permanent current I_u A	最大控制功率 Max. switching capacity (AC-3/400 V 3~) kW	层数 Number of chambers	转换角度 Switching angle °	IP 54 型号 Type	编号 Ref. No.
	V1N	12	3	1	45	V1N A2-F1-B-SI	146131
	V2N	25	7,5	1	45	V2N A2-F1-B-SI	141754
	V3N	32	11	1	45	V3N A2-F3-B-SI	146255
	VN 32	45	16	1	45	VN A2 32-F3-B-SI	148252

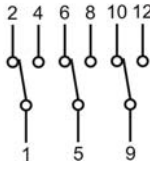
双极通断开关
2 pole On-Off switch

	V1N	12	3	1	45	V1N A4-F1-B-SI	146132
	V2N	25	7,5	1	45	V2N A4-F1-B-SI	141760
	V3N	32	11	1	45	V3N A4-F3-B-SI	146261
	VN 32	45	16	1	45	VN A4 32-F3-B-SI	148254

四极通断开关
4 pole On-Off switch

	V1N	12	3	1	45	V1N U1-F1-B-SI	146133
	V2N	25	7,5	1	45	V2N U1-F1-B-SI	141814
	V3N	32	11	1	45	V3N U1-F3-B-SI	146718

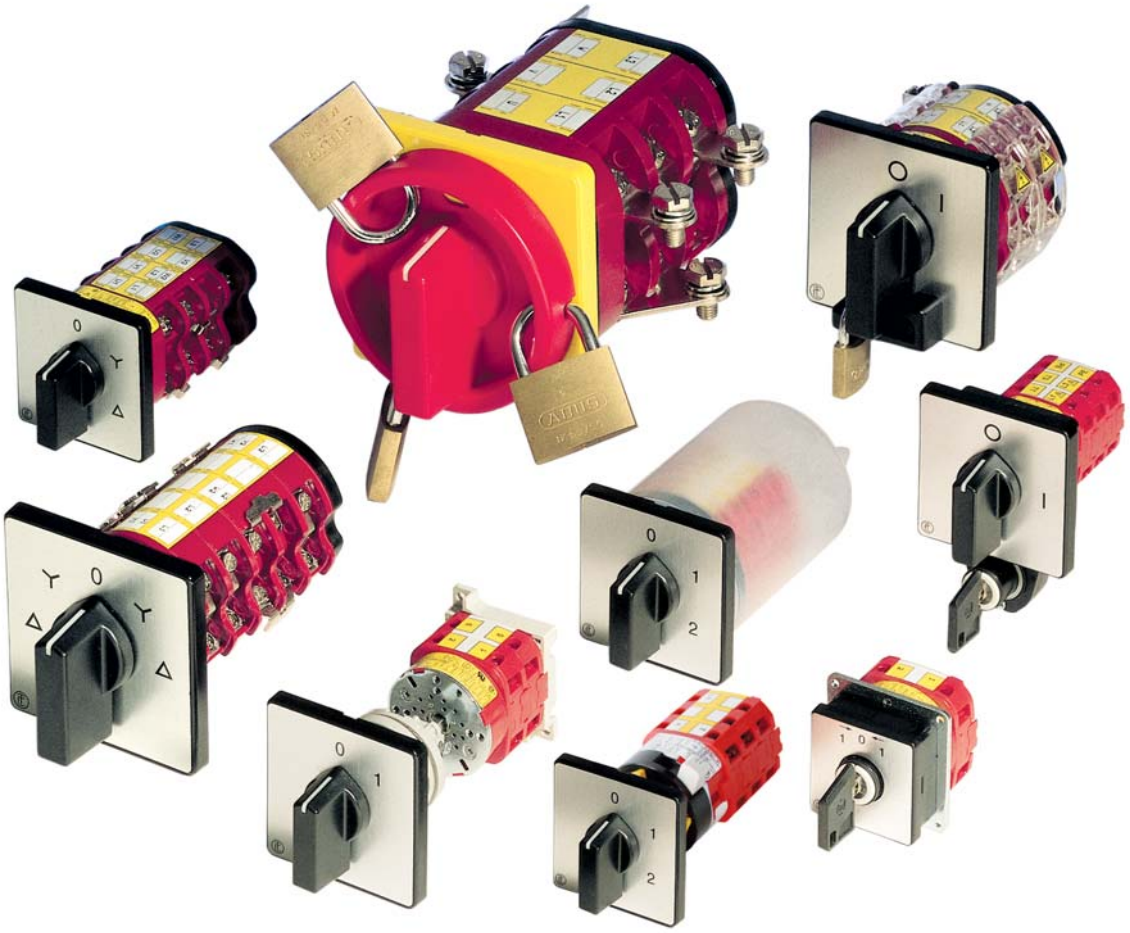
带零位单极转换开关
single pole Change-over switch (with o position)

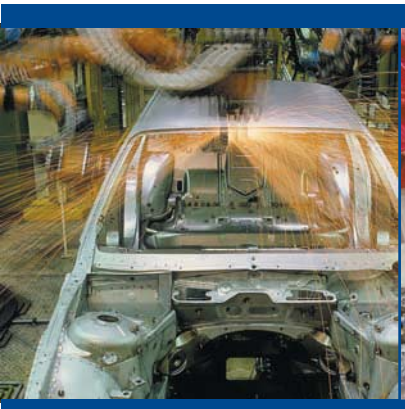
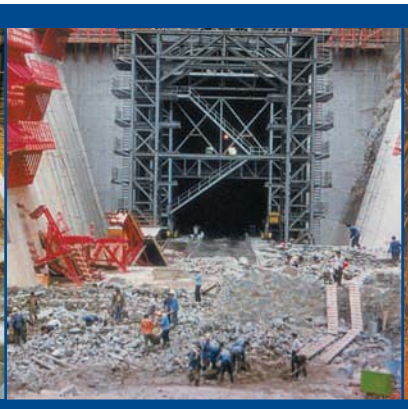
	V1N	12	3	1	45	V1N U-F1-B-SI	146134
	V2N	25	7,5	1	45	V2N U-F1-B-SI	141820
	V3N	32	11	1	45	V3N U-F3-B-SI	146324
	VN 32	45	16	1	60	VN U 32-F3-B-SI	148273

带零位三极转换开关
triple pole Change-over switch (with o position)

凸轮开关/万能转换开关
Cam switches

完整的凸轮开关系列
Complete Cam switches program



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